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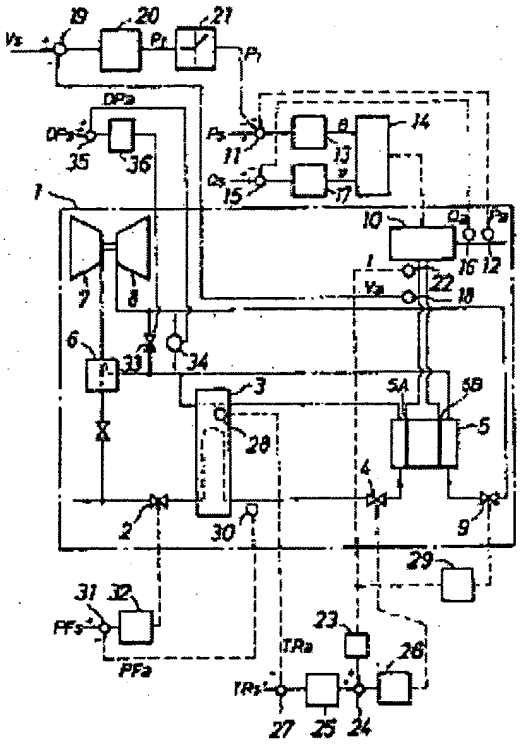
OUTPUT CONTROLLER OF FUEL CELL

Patent number: JP60030062
Publication date: 1985-02-15
Inventor: SATOU MOTOYUKI; others: 01
Applicant: TOSHIBA KK
Classification:
- international: H01M8/06; H01M8/04
- european:
Application number: JP19830137843 19830729
Priority number(s):

Abstract of **JP60030062**

PURPOSE:To prevent overload applied to a fuel cell by detecting d.c. side voltage of a converter which converts D.C. power of a fuel cell to A.C. power, and suppressing increase of active power of the converter when the D.C. voltage dropped below setting voltage. CONSTITUTION:The D.C. output power of a fuel cell 5 is converted to A.C. power with a D/A converter 10, and supplied to a power line. Active power Pa and reactive power Qa are compared with setting values Ps and Qs and the converter 10 is controlled through a controller 14. Output voltage Va of the fuel cell 5 is detected with a detector 18 and compared with setting voltage Vs with a comparator 19. When output voltage dropped below setting voltage, a signal is inputted into an active power comparator 11 through a lower limit controller 21 and output to power line is controlled. Overload applied to the fuel cell 5 which is caused by quicker electricity output response than control response of fuel or air of the fuel cell is effectively prevented.



OUTPUT CONTROLLER OF FUEL CELL

Legal status (INPADOC) of **JP60030062**

No legal data found.